

08/28/01

Jc981 U.S. PTO

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. HTI-8091

First Inventor James Gary PRUETT

Title Substantially Pure Bulk Pyrocarbon and Methods of Preparation

Express Mail Label No. EL722632913US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 20] 1  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets ]
5. Oath or Declaration [Total Pages 2] 1
- a. ☒ UNEXECUTED  
Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Check in the Amount of \$1,232.00 .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: /

Prior application information:

Examiner:

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Labelor ☐ Correspondence address below

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Joseph G. Curatolo

Date

8-28-2001

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EL722632913US

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10/28/00

# FEE TRANSMITTAL for FY 2000

*Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.*

**TOTAL AMOUNT OF PAYMENT** (\$)**1,232.00**

## Complete if Known

Application Number	New Application
Filing Date	August 28, 2001
First Named Inventor	James Gary PRUETT
Examiner Name	not assigned yet
Group / Art Unit	not assigned yet
Attorney Docket No.	HTI-8091

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **18-0987**

Deposit Account Name **Renner, Kenner et al.**

☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 690	201 345	Utility filing fee	710.00
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 690	208 345	Reissue filing fee	
114 150	214 75	Provisional filing fee	

**SUBTOTAL (1)** (\$)**710.00**

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
49	-20** = 29	18.00	522.00
Independent Claims	2	-3** = 0	0.00
Multiple Dependent	N		0.00

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 78	202 39	Independent claims in excess of 3	
104 260	204 130	Multiple dependent claim, if not paid	
109 78	209 39	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2)** (\$)**522.00**

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	0.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet.	0.00
139 130	139 130	Non-English specification	0.00
147 2,520	147 2,520	For filing a request for reexamination	0.00
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	0.00
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	0.00
115 110	215 55	Extension for reply within first month	0.00
116 380	216 190	Extension for reply within second month	0.00
117 870	217 435	Extension for reply within third month	0.00
118 1,360	218 680	Extension for reply within fourth month	0.00
128 1,850	228 925	Extension for reply within fifth month	0.00
119 300	219 150	Notice of Appeal	0.00
120 300	220 150	Filing a brief in support of an appeal	0.00
121 260	221 130	Request for oral hearing	0.00
138 1,510	138 1,510	Petition to institute a public use proceeding	0.00
140 110	240 55	Petition to revive - unavoidable	0.00
141 1,210	241 605	Petition to revive - unintentional	0.00
142 1,210	242 605	Utility issue fee (or reissue)	0.00
143 430	243 215	Design issue fee	0.00
144 580	244 290	Plant issue fee	0.00
122 130	122 130	Petitions to the Commissioner	0.00
123 50	123 50	Petitions related to provisional applications	0.00
126 240	126 240	Submission of Information Disclosure Stmt	0.00
581 40	581 40	Recording each patent assignment per property (times number of properties)	0.00
146 690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149 690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00
Other fee (specify)			0.00
Other fee (specify)			0.00

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)**0.00**

## SUBMITTED BY

Name (Print/Type) **Joseph G. Curatolo**  
Signature *Joseph G. Curatolo*

Registration No. (Attorney/Agent) **28,837**

## Complete (if applicable)

Telephone **440-808-0011**  
Date **8-28-2001**

## WARNING:

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08/28/01

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LEGAL PROFESSIONAL ASSOCIATION

Intellectual Property Law  
Established 1917

08/29/01

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\*ADMITTED TO PENNSYLVANIA BAR

August 28, 2001  
Docket No.: HTI-8091

BOX PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
WASHINGTON, DC 20231

TRANSMITTAL LETTER

Dear Sir:

Transmitted herewith for filing under 35 U.S.C. §111(a) is the following written application  
for Letters Patent.

Express Mail Label No.: EL722632913US

Inventor: James Gary PRUETT

Title: SUBSTANTIALLY PURE BULK PYROCARBON AND METHODS OF  
PREPARATION

Assignee: Hitco Carbon Composites, Inc.  
1600 W. 135<sup>th</sup> Street  
Gardena, CA 90249-2506

Certificate of Express Mailing

I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service as Express Mail -  
Label No. EL722632913US - "Express Mail Post Office to Addressee" in an envelope with sufficient postage addressed to: BOX PATENT  
APPLICATION, Commissioner for Patents, Washington, D.C. 20231.

Laura A. Rafn  
(type or print name of person signing paper)

Laura A. Rafn  
(signature of person mailing paper)

8-28-01  
(date)

Offices in

AKRON

CLEVELAND/WESTLAKE

WOOSTER

The present application claims the benefit of the filing date, under 35 U.S.C. §119(e), from United States Provisional Application No. 60/228,883, filed August 29, 2000.

Pursuant to 37 C.F.R. §1.78(a)(5), Applicant has amended the specification to include a "Cross Reference to Related Applications" section to specifically reference the prior copending application. Applicant respectfully requests early and favorable examination on the merits of the present application.

Enclosed:

Transmittal Letter with Certificate of Mailing and Authorization to Charge Deposit Account  
(2 pages-in duplicate)

Utility Patent Application Transmittal (1 page)

Fee Transmittal (1 page - in duplicate)

Application Data Sheet (1 page)

Combined Declaration and Power of Attorney document (2 pages - unexecuted)

Specification:

14 Pages of Description

5 Pages of Claims

1 Page of Abstract

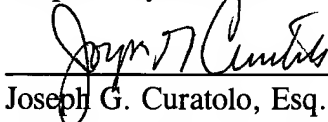
Check in the Amount of \$1,232.00

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Authorization to Charge Deposit Account

In the event an additional fee is applicable to the filing of this document and the required fee is not enclosed, or the fee submitted is insufficient, the Commissioner is hereby authorized to charge any fees which might be required to effect the filing of this (these) document(s) to Account No. 18-0987. This authorization is being submitted in duplicate.

Respectfully submitted,



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8-28-2001

Date